

**UTILITY PATENT  
APPLICATION TRANSMITTAL**(Only for new non-provisional applications  
under 37 CFR 1.53(b))

Attorney Docket No.

031309

Total Pages

First Named Inventor or Application Identifier

**Yuji INOUE, Noriho OKAZA, Kazuo NAKATANI and  
Yoshikazu KAWABE**

Express Mail Label No.

Check Box, if applicable [ ] Duplicate

APPLICATION ELEMENTS For:

**DOUBLE-PIPE HEAT EXCHANGER**

ADDRESS TO:

Commissioner for Patents  
MAIL STOP BOX PATENT APPLICATIONS  
P.O. Box 1450  
Alexandria, VA. 22313-1450

1. ☒ Fee Transmittal Form (Incorporated within this form)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification Total Pages [17]
3. ☒ Drawing(s) (35 USC 113) Total Sheets [5]
4. ☒ Oath or Declaration Total Pages [2]
  - a. ☒ Newly executed (original)
  - b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed).
  - i. ☐ Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)
5. ☐ Incorporation by reference (useable if box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is  
supplied under Box 4b, is considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement Verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet and document(s)) to MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,  
Kadoma-shi, Japan.

**Please publish the assignee data with the application.**

9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney

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PAGE 2 OF 3

10. ☐ English translation Document (if applicable)

11. ☐ Information Disclosure Statement ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)

14. ☐ Small Entity Status is claimed.

15. ☒ Claim for Convention Priority ☒ [1] Certified copy of Priority Document is enclosed.

a. Priority of Japanese application no. 2002-358032 filed on December 10, 2002 is claimed under 35 USC 119.

16. ☐ Other \_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior application no. \_\_\_\_

FEE TRANSMITTAL The filing fee is calculated below	Number Filed	Number Extra	Rate	Basic Fee \$ 770.00
Total Claims	20 - 20		x \$18.00	
Independent Claims	1 - 3		x \$86.00	
Multiple Dependent Claims			\$290.00	\$ 290.00
Filing Fee				\$1060.00
Reduction by 1/2 for small entity				
Fee for recording enclosed Assignment			\$40.00	\$ 40.00
TOTAL				\$1100.00

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**PAGE 3 OF 3**

☒ [XX] A check in the amount of \$1100.00 is enclosed to cover the filing fee of \$770.00, the fee of \$290.00 for multiple dependent claims and the assignment recordation fee of \$40.00.

☐ [ ] Please charge our Deposit Account No. **01-2340** in the total amount of \_\_\_\_\_ to cover the filing fee and the \_\_\_\_\_ assignment recordation fee. A duplicate of this sheet is attached.

☒ [XX] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. **01-2340**.

**18. CORRESPONDENCE ADDRESS:**

Armstrong, Kratz, Quintos,  
Hanson & Brooks, LLP  
Suite 1000, 1725 K Street, N.W.  
Washington, D. C. 20006  
Tel: (202) 659-2930  
Fax: (202) 887-0357



**23850**

PATENT TRADEMARK OFFICE

Typed or Printed Name **William G. Kratz, Jr.** Reg. No. **22,631**

Signature

Date: **December 8, 2003**

WGK:jaz